

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Deutsch, Kent A. dba Deutsch Oil Company
Well Name	HOEME TRUST 6-17
Doc ID	1773203

All Electric Logs Run

Micro
Dual Induction
Compensated Neutron/Density
Frac Finder



WELL TREATMENT REPORT

Client: **Deutsch Oil Company**
 City, State: **Natrona Kansas**
 Field Rep: **Mr Dave Pauly**

Well: **Hoeme Trust 6-17**
 County: **Pratt Kansas**
 S-T-R: **17-27s-12w**

Ticket: **wp 4914**
 Date: **11/15/20213**
 Service: **Longstring**

Downhole Information

Hole Size:	7 7/8 in
Hole Depth:	4490 ft
Casing Size:	4 1/2 in
Casing Depth:	4480 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	103.0 bbls

Calculated Slurry - Lead

Blend:	H-Plug
Weight:	13.7 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	19.1 bbls
Total Sacks:	75 sx

Calculated Slurry - Tail

Blend:	H-Long
Weight:	15 ppg
Water / Sx:	6.0 gal / sx
Yield:	15.00 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	44.5 bbls
Total Sacks:	175 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
4:30 PM			-	-	on location job and safety
4:40 PM			-	-	spot trucks and rig up
			-	-	turbolizers 1,3,5,7,9,11,13
			-	-	basket 9
5:15 PM			-	-	start casing in the hole
7:30 PM			-	-	casing on bottom and establish circulation
8:56 PM	2.0	-	7.6	7.6	plug rat hole with 30 sacks H-Plug at 13.7 ppg
9:45 PM				7.6	start cement down hole
	5.0	350.0	11.4	19.0	mix 45 sacks H-Plug as scavenger at 13.7 ppg
	7.0	570.0	44.5	63.5	mix 175 sacks H-Long at 15 ppg
9:55 PM				63.5	cement in and shut down
					close in well
					wash pump and lines and release the plug
10:00 PM					start displacement
	6.0	210.0	10.0		
	6.5	210.0	20.0		increase rate
	6.5	250.0	40.0		increase in pressure
	6.5	260.0	60.0		
	6.5	650.0	80.0		
	4.5	700.0	90.0		slow rate
	3.5	830.0	100.0		
10:20 PM	3.5	980.0	103.0		plug down.....took pressure from 980 to 1500
					release pressure and plug held

CREW	UNIT
Cementer: M Brungardt	916
Pump Operator: M McGraw	179/522
Bulk #1: K Julian	176/532
Bulk #2:	

SUMMARY

Average Rate	Average Pressure	Total Fluid
5.2 bpm	455 psi	567 bbls

Fracturing Report Form: 12/21/11 11:48
 Property Name: **12/21/11 11:48**
 Well Name: **12/21/11 11:48**
 Operator: **12/21/11 11:48**
 Fracture Number: **12/21/11 11:48**
 Fracture Date: **12/21/11 11:48**
 Fracture Type: **12/21/11 11:48**
 Fracture Length: **12/21/11 11:48**
 Fracture Width: **12/21/11 11:48**
 Fracture Volume: **12/21/11 11:48**
 Fracture Pressure: **12/21/11 11:48**



Well Name	Well Number	Well Status	Well Type	Well Date	Well Operator	Well Fracture	Well Fracture Number	Well Fracture Date	Well Fracture Length	Well Fracture Width	Well Fracture Volume	Well Fracture Pressure
4070 Dumas Sand	4070	Open	Oil	12/21/11	FractFocus	12/21/11	1148	11:48	11:48	11:48	11:48	11:48
5000 Dumas Sand	5000	Open	Oil	12/21/11	FractFocus	12/21/11	1148	11:48	11:48	11:48	11:48	11:48
6000 Dumas Sand	6000	Open	Oil	12/21/11	FractFocus	12/21/11	1148	11:48	11:48	11:48	11:48	11:48
7000 Dumas Sand	7000	Open	Oil	12/21/11	FractFocus	12/21/11	1148	11:48	11:48	11:48	11:48	11:48
8000 Dumas Sand	8000	Open	Oil	12/21/11	FractFocus	12/21/11	1148	11:48	11:48	11:48	11:48	11:48
9000 Dumas Sand	9000	Open	Oil	12/21/11	FractFocus	12/21/11	1148	11:48	11:48	11:48	11:48	11:48
10000 Dumas Sand	10000	Open	Oil	12/21/11	FractFocus	12/21/11	1148	11:48	11:48	11:48	11:48	11:48

Fracture Name	Supplier	Purpose	Ingredients	Chemical Identifiers	Minimum Inhibitor Concentration in Acid	Mass per Component (lb)	Maximum Soluble Concentration in Fluid	Comments	Chemical Company	Fracture Type	Fracture Length	Fracture Width	Fracture Volume	Fracture Pressure
4070 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
5000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
6000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
7000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
8000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
9000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
10000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
11000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
12000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
13000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
14000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48
15000 Dumas Sand	FractFocus	Completion Fluid	Water, Glycol, Surfactant	Water, Glycol, Surfactant	100.0%	1148	4.67%		FractFocus	Oil	11:48	11:48	11:48	11:48

Use of Water Volume Kurten may include fluid, water, produced water, and/or recycled water. All measurements are rounded to the nearest 100%.

Geologic Report
Aaron L. Young

Drilling Time and Sample Log

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Hoeme Trust #6-17
API: 15-151-22581
Location: Section 17 - T27S - R12W
License Number: 3180
Spud Date: 11 / 09 / 2023
Surface Coordinates: 1320' FNL and 660' FWL
Approx. W2 - NW
Region: Pratt Co., KS
Drilling Completed: 11 / 14 / 2023
Bottom Hole Coordinates:
Ground Elevation (ft): 1860' K.B. Elevation (ft): 1867'
Logged Interval (ft): 3700' To: 4490' Total Depth (ft): 4490'
Formation: Simpson
Type of Drilling Fluid: Mud-Co

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Deutsch Oil Company
Address: 8100 E 22nd St N, Bldg 600
Wichita, KS 67226

GEOLOGIST

Name: Aaron L. Young, M. S.
Company: Young Consulting LLC
Address: 929 W Douglas Ave
Wichita, KS 67213

General Info

CONTRACTOR: Pickrell Drilling, Rig #10

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	RR	15-15-15	234'	234'	3.5
2	7-7/8	SMITH MSI616	15-15-15	4490'	4256'	69.0

Surveys: 234'-.75, 750'-1, 1319'-.5, 1824'-.75, 2298'-MISRUN, 2361'-.75, 2898'-.75, 4490'-.25

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 8,000 - 14,000 lbs. on bit and approx 80-90 RPM.

Running 7 stands of collars; 423.07'

Pumping approx 800-900 psi at standpipe @ 56 SPM

Daily Status

11/07/23 Start moving Pickrell Drilling Rig #10.

11/09/23 Finish moving Pickrell Drilling Rig #10 to location. Rig up. Spud well at 2:30 pm. Drilled 14 3/4" hole to 234 ft. Set 6 jts. of 10 3/4" surface casing at 233 ft. Cemented with 240 sacks 60/40 poz cement. Cement circulated to surface. Plug down at 11:30 pm.

11/10/23 Waiting on cement at 7:00 am.

11/11/23 1260 ft. at 7:00 am. Drilling ahead.

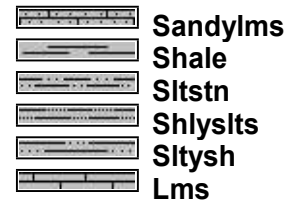
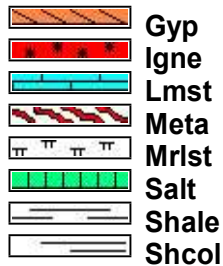
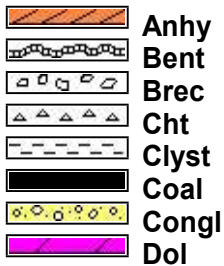
11/12/23 2310 ft. at 7:00 am. Drilling ahead.

11/13/23 3370 ft. at 7:00 am. Drilling ahead.

11/14/23 4129 ft. at 7:00 am. Drilling ahead.

11/15/23 4490 ft. at 7:00am. Logging. Prepare to run 5 1/2" production casing. Ran 107 jts. 5 1/2" 17# new production casing. Set at 4488 ft. Cemented with 45 sx. Scavenger cement and 175 sx. H Long cement. Plug down 10:30 pm. 30 sx. In rathole. Rig down.

ROCK TYPES

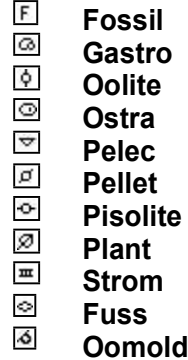
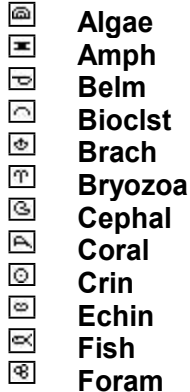


ACCESSORIES

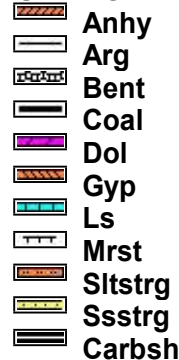
MINERAL



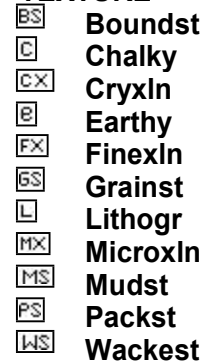
FOSSIL



STRINGER



TEXTURE



OTHER SYMBOLS

POROSITY TYPE

- E Earthy
- F Fenest
- X Fracture
- I Inter
- M Moldic
- O Organic
- P Pinpoint
- V Vuggy

SORTING

- W Well
- M Moderate
- P Poor

ROUNDING

- R Rounded
- F Subrnd
- a Subang
- A Angular

OIL SHOWS

- Even
- ◉ Spotted
- ◌ Ques
- ◻ Dead
- ⊠ Gas show

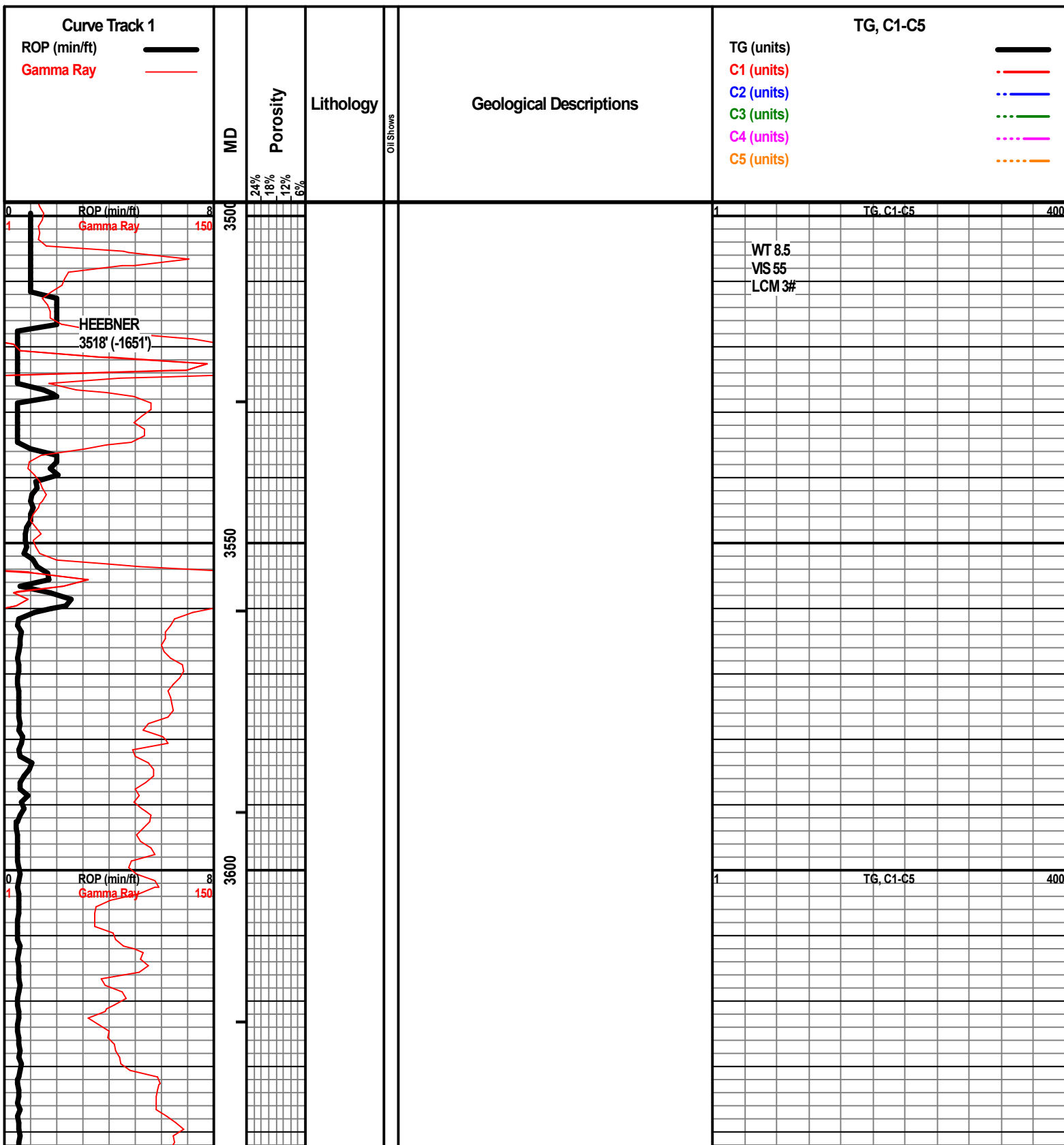
INTERVALS

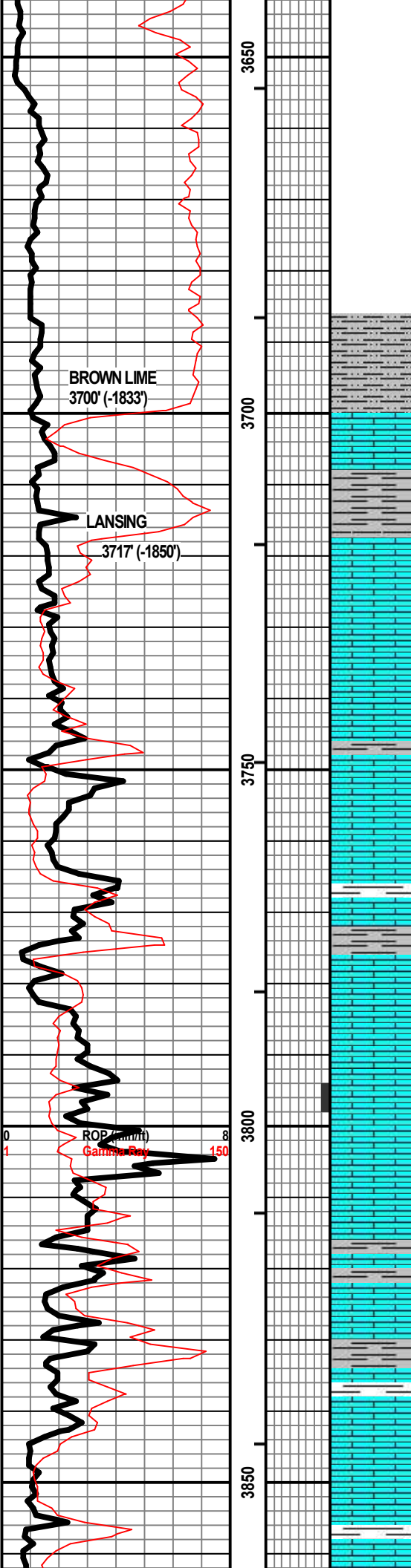
- Core
- ◻ Dst

- Dst

EVENTS

- ▽ Rft
- ◀ Sidewall
- ▬ Conn





SH - GY / LT GY, SLTY

LS - CRM / BRN / GY, F XLN, MOD DNS / DNS, W / SH - GY

LS - CRM / TAN, F XLN, MOD DNS / DNS, W / SH - DK GY / GY

WT 8.6
VIS 57
LCM 3#

LS - TAN / GY, F XLN, MOD DNS / DNS, FOSS IN PT

LS - CRM / TAN / BRN IN PT, F XLN, MOD DNS / DNS, FOSS IN PT, W / LS - CRM /

LS - TAN / GY, F XLN, MOD DNS / DNS, FOSS IN PT, W / SH - GY

WT 8.6
VIS 55
LCM 3#

LS - CRM / TAN, F / VF XLN, PRED MOD DNS / DNS, SUBCHKY IN PT, VP INTERXLN POR IN PT, NS

SH - RDISH-BRN / GRN / GY, W / LS - CRM / TAN / GY, F XLN, MOD DNS / DNS, FOSS IN PT

LS - DK GY / DK BRN, F XLN, MOD DNS / DNS, FOSS, W / SH - GY

LS - TAN / CRM, VF / F XLN, MOD DNS / SUBCHKY, FOSS IN PT, W / SCAT CHT, WHT, OPAQ, SLI WEATH POR, NS, NO ODOR

LS - TAN / BRN / CRM, F XLN, MOD DNS / DNS, FOSS IN PT

LS - CRM / TAN, F / VF XLN, PRED MOD DNS / DNS, FOSS IN PT, SUBCHKY IN PT

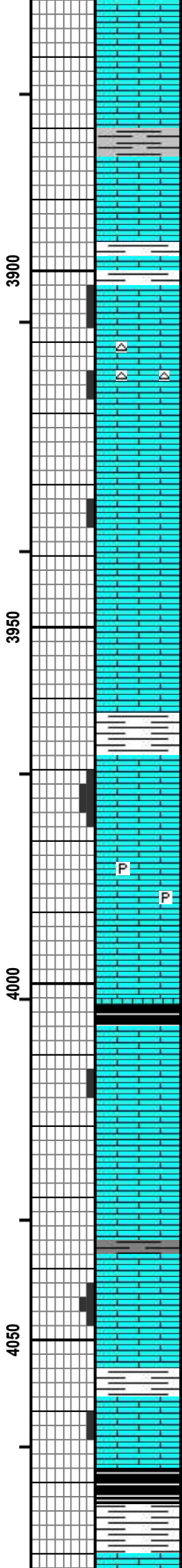
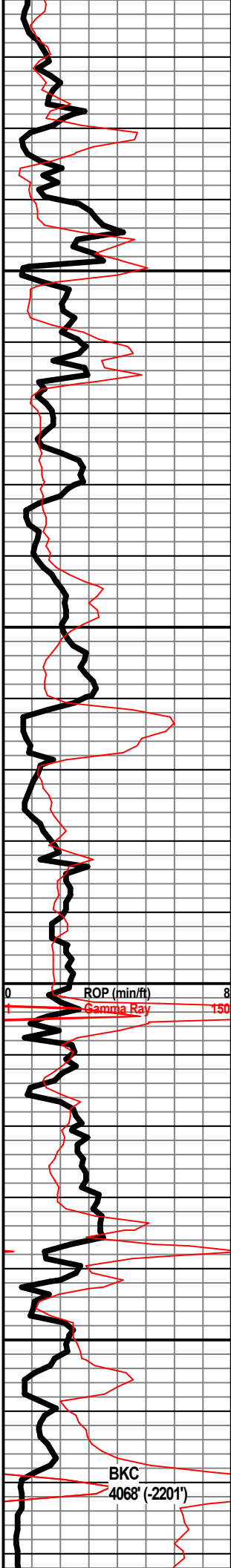
LS - GY / TAN / CRM IN PT, F XLN, DNS / MOD DNS, FOSS IN PT, W / SH - LT GY / GY

LS - GY, F XLN, MOD DNS / DNS, ARG IN PT, W / LS - CRM / WHT, SUBCHKY / CHKY IN PT, W / SH - GY

LS - WHT / CRM, SUBCHKY / CHKY, W / LS - TAN / GY, F XLN MOD DNS / DNS, FOSS, W / SH - DK GY / GY

LS - TAN / GY, F XLN, MOD DNS / DNS, FOSS, W / LS - PRED GY, BRN IN PT

LS - CRM / TAN, VF XLN, SUBCHKY / MOD DNS IN PT



LS - CRM / TAN / GY, VF XLN, SUBCHKY / CHKY, MOD DNS IN PT, W/ SH - GRN

LS - CRM / TAN / GY, VF / F XLN, PRED MOD DNS / SUBCHKY, DNS IN PT, W/ SH - GY

LS - CRM / TAN / GY, F XLN, V DNS / DNS, MOD DNS IN PT, FOSS, W/ SH - DK GY / GY

LS - CRM / TAN, F XLN, ABUND FOSS, P INTERXLN AND VUG POR, NS, NO ODOR, NO FLUOR, W/ SH - GRN / GY

LS - CRM / TAN, VF / F XLN, MOD DNS / SUBCHKY, DNS IN PT, ABUND FOSS IN PT

LS - CRM / TAN / GY, F XLN, MOD DNS / DNS, SUBCHKY IN PT, ABUND FOSS IN PT, P INTERXLN & VUG POR IN FEW PIECES, NS, NO ODOR, W/ SCAT CHT - GY, OPAQ, FRSH, FOSS

LS - CRM / TAN, VF / F / M XLN, PRED DNS / MOD DNS, SUBCHKY IN PT, FOSS IN PT

LS - CRM / TAN, VF / F XLN, PRED SUBCHKY / MOD DNS, P INTERXLN & VUG POR IN PT, NS, NO ODOR

LS - CRM / TAN, F / M XLN, DNS / MOD DNS, FOSS IN PT

LS - CRM / TAN, F / M XLN, MOD DNS / DNS, FOSS IN PT

SH - GRN / GY, W/ LS - CRM / TAN, F XLN, SUBCHK / MOD DNS, BRITTLE IN PT

LS - WHT / CRM, VF / F XLN, SUBCHKY / MOD DNS, P / F INTERXLN POR IN PT, ABUND LIVE OIL STN, OIL SHEEN WHEN BRKN, F SHO OF GAS BUB, G ODOR WHEN BRKN, SLI YEL-GRN FLUOR IN SHO ROCKS

LS - CRM / TAN, F / VF XLN, MOD DNS / DNS, SUBCHKY IN PT, FOSS IN PT, FEW SCAT PIECES OF PYRITE

LS - TAN, M XLN, DNS / MOD DNS

LS - CRM / TAN, F XLN, ABUND FOSS IN PT, F INTERXLN POR, VUG POR IN PT, SSFO, V LT OIL, F CUP ODOR, SLI / MOD YEL-GRN FLUOR IN SHO ROCKS, W/ SH - DK GY / BLK, CARB

LS - CRM / TAN, F XLN, MOD DNS / DNS, FOSS IN PT

LS - TAN / CRM, M / F XLN, V DNS / DNS / MOD DNS IN PT, FOSS IN PT

LS - CRM / TAN, F / VF XLN, MOD DNS, BRITTLE, FOSS IN PT, W/ SH - GY

LS - TAN / CRM, F XLN, PRED MOD DNS / DNS, P INTERXLN POR IN FEW PIECES, SSFO, V LT OIL, SLI CUP ODOR, MOD YEL-GRN FLUOR IN SHO ROCKS

LS - CRM / TAN, VF / F XLN, MOD DNS / SUBCHKY IN PT, W/ SH - LT GY / LT GRN

LS - CRM / TAN, F / VF XLN, MOD DNS / SUBCHKY, W/ LS - DK GY / GY, F XLN, ABUND FOSS, P INTERXLN POR IN, SSFO, V LT OIL, SLI SHO OF GAS, SLI CUP ODOR, MOD / BRI YEL-GRN FLUOR IN SHO ROCKS

SH - BLK, CARB, W/ SH - GY / GRN

WT 8.5
VIS 55
LCM 2#

WT 8.8
VIS 50
LCM 2#

WT 8.8
VIS 49
LCM 3#

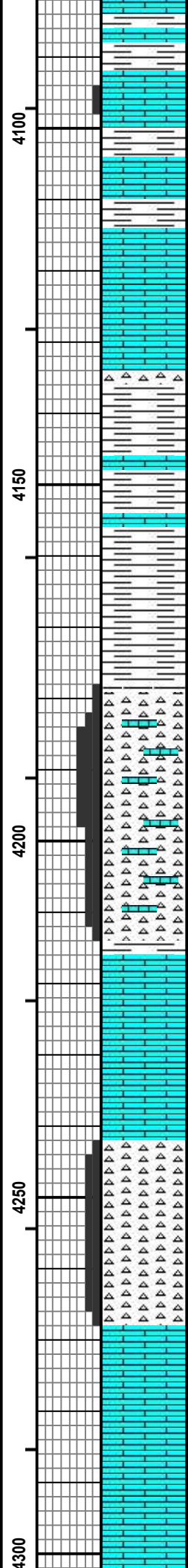
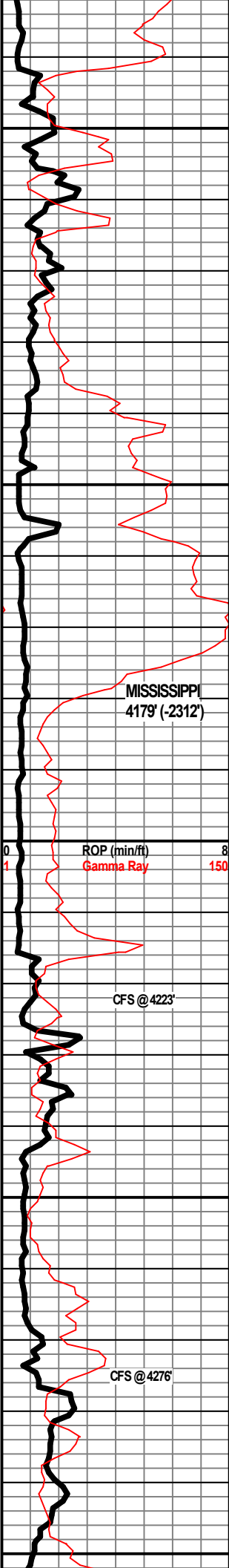
TG, C1-C5

400

ROP (min/ft)

Gamma Ray

BKC
4068' (-2201')



LS - LT GY / TAN / CRM, F XLN, MOD DNS / DNS,
FOSS IN PT, W/ SH - GRN / GY

SH - LT GRN, W/ LS - CRM / TAN, VF / F XLN, MOD DNS, W/ LS -
CRM / WHT, F XLN, P INTERXLN POR, VSSFO, V LT OIL, SLI SHO
GAS, NO ODOR, NO FLUOR

SH - GRN / RDISH-BRN IN PT, W/ LS - CRM / TAN, F
XLN, MOD DNS / DNS

LS - CRM / TAN, F XLN, MOD DNS / DNS, W/ SH - GRN
GY / MAR

LS - CRM / TAN / LT GY, VF / F XLN, MOD DNS

SH - GRN / GY, W/ SCAT CHT - WHT / GY, OPAQ, SLI
WEATH IN PT, VP WEATH POR, SLI STN, NSFO, NO
ODOR, DULL YEL-GRN FLUOR

SH - GRN / GY / MAR, W/ LS - CRM, VF / F XLN, MOD
DNS / DNS

SH - GY / GRN / MAR

CHT - WHT / TAN / GY, OPAQ, TRIP IN FEW PIECES,
COMP WEATH IN PT, P WEATH POR IN PT, SAT STN,
ABUND OIL SHEEN, SLI CUP ODOR, BRI YEL-GRN
FLUOR

CHT - WHT / GY / TAN, LMY IN PT, OPAW, F / G
WEATH POR, GSFO, G SHO OF GAS, LT BRN OIL
DROPLETS, F CUP ODOR, BRI YEL-GRN FLUOR

CHT - WHT / GY, PRED OPAQ, PRED FRSH, P / F
WEATH POR IN PT, SAT STN, VSSFO, SLI SHO OF
GAS, BRI YEL-GRN FLUOR IN SHO ROCKS

LS - TAN / CRM / WHT, F / VF XLN, MOD DNS, W/ SH -
RD / GRN

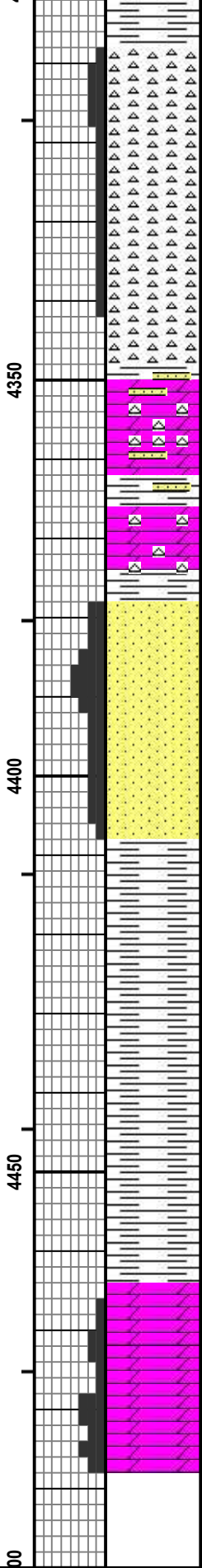
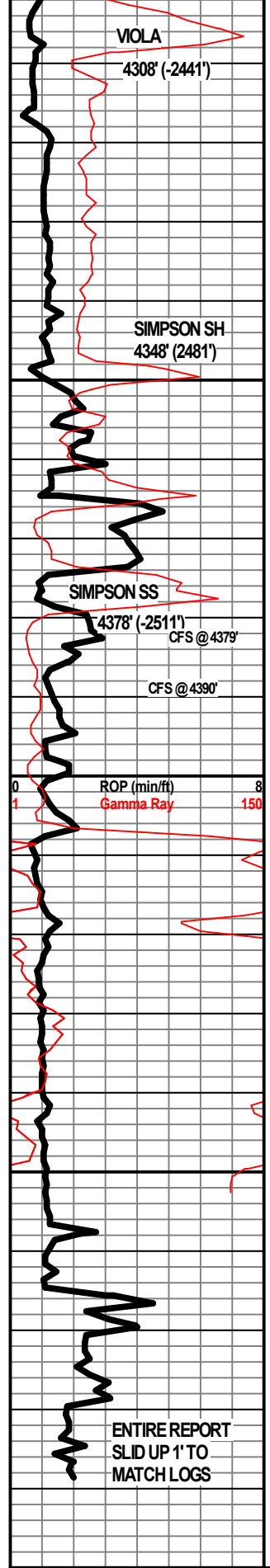
LS - TAN / GY / GY, F XLN, MOD DNS / DNS

CHT - WHT / TAN / GY, PRED FRSH, P / F WEATH &
TRIP POR, ABUND SAT STN, NSFO, ABUND OIL
SHEEN, SLI ODOR, SLI SHO OF GAS IN PT, BRI
YEL-GRN FLUOR IN SHO ROCKS

LS - CRM / TAN / GY, F XLN, MOD DNS / DNS, FOSS IN
PT

LS - CRM / TAN / GY, F / VF XLN, MOD DNS / DNS,
FOSS IN PT

1	WT 8.9	TG, C1-C5	400
	VIS 55		
	LCM 3#		
	WT 9.0		
	VIS 53		
	LCM 3#		



SH - TURQ / GRN / MAR / RDISH-BRN / PURP

CHT - WHT / CRM, SLI DOLOMITIC, P / F WEATH POR, NS, NO ODOR, NO FLUOR, SCAT PIECES OF CHKY DOLO IN PT

CHT - WHT / CRM, PRED FRSH, SLI DOLOMIT IN PT, NS

SH - TURQ / GRN, SNDY IN PT, W / SCAT SS CLUSTERS, PRED ARG, SAT STN IN PT, OIL SHEEN IN TRAY, NSFO, NO ODOR

SH - TURQ / GRN, SNDY IN PT, W / DOLO - TAN / GRN, ARG IN PT, F XLN, DNS

DOLO - CRM / WHT / TAN, F XLN, DNS, CHTY IN PT

SH - TURQ / GRN / MAR, SNDY IN PT

SS - CLR, F GR, SUB-ANG / SUB-RND, W SRTD, P / MOD CEM, PRED FRI, GSFO, COMP SAT, G SHO OF GAS, F CUP ODOR, DULL YEL-GRN FLUOR

SS - CLR, F GR, SUB-ANG / SUB-RND, W SRTD, MOD CEM, SLI TIGHTER THAN ABOVE, GSFO, COMP SAT, F CUP ODOR, DULL YEL-GRN FLUOR

SH - GY / GRN, SDNY IN PT

SH - GY / GRN

SH - MAR / GRN / GY

SH - GRN / GY / MAR

DOLO - DK TAN / BRN, M XLN, DNS / MOD DNS

DOLO - TAN / LT GY, F XLN, SUCR, PINTERXLN POR, NS, NO ODOR

RTD 4490'

WT 9.0
VIS 51
LCM 3#

1 TG, C1-C5 400

ENTIRE REPORT
SLID UP 1' TO
MATCH LOGS